



1621 1631/1631

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: J. D. Trumbull, et al.

Serial No.: 09/532,686

Filed: March 22, 2000

For: APPARATUS AND METHOD FOR  
ELECTROPHYSIOLOGICAL TESTING

Group Art Unit: 1631

Examiner: Ardin H. Marschel

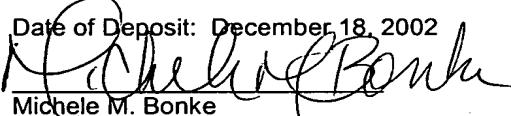
Attorney Docket No.: 6678.US.O1

Date: December 18, 2002

**Certificate of Mailing (37 CFR 1.8(a))**  
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Date of Deposit: December 18, 2002

  
Michele M. Bonke

**TRANSMITTAL LETTER**

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JAN 03 2003

TECH CENTER 1600/2900

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Enclosed herewith is the Amendment and Response of J. D. Trumbull,  
et al., for APPARATUS AND METHOD FOR ELECTROPHYSIOLOGICAL  
TESTING, filed March 22, 2000.

Also enclosed are: Two Month Extension of Time  
Return-receipt Postcard

The Commissioner is hereby authorized to charge any additional Filing  
Fees required under 37 CFR 1.16, as well as any patent application  
processing fees under 37 CFR 1.17 associated with this communication for  
which full payment had not been tendered, to Deposit Account No. 01-0025.  
**A duplicate copy of this sheet is enclosed.**



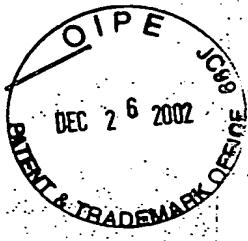
Respectfully submitted,  
J.D. Trumbull, et al.

23492

ABBOTT LABORATORIES  
Telephone: (847) 937-6182  
Facsimile: (847) 938-2623



David L. Weinstein  
Registration No. 28, 128  
Attorney for Applicants



6678.US.O1 DLW/ws

ADD

June 20, 2000

Patent Office Mail Room: Will you please affix the Patent Office Stamp and return this card to acknowledge receipt of the following documents:

Applicants: Jonathan D. Trumbull, et al.  
Ser No.: 09/532,686  
Filed: March 22, 2000  
Title: APPARATUS AND METHOD FOR ELECTROPHYSIOLOGICAL TESTING

1. Transmittal Letter - 1 pg. (in duplicate)
2. Information Disclosure Statement - 1 pg.
3. PTO Form 1449 - 1 pg. (in duplicate)
4. Copy of eight references
5. Return-Receipt Postcards (2)

All mailed to the Patent and Trademark Office by First Class Mail on June 20, 2000.

JPY

6678.US.O1 DLW/ws

ADD

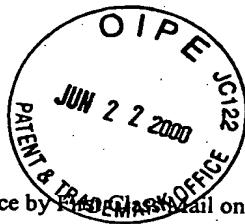
June 20, 2000

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Applicants: Jonathan D. Trumbull, et al.  
Ser No.: 09/532,686  
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1631



PATENT

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Applicant: J. D. Trumbull, et al.

Serial No.: 09/532,686

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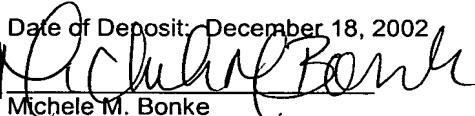
Date: December 18, 2002

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Assistant Commissioner for Patents  
Washington, D.C. 20231, on:

Date of Deposit: December 18, 2002

  
Michele M. Bonke

TRANSMITTAL LETTER

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Enclosed herewith is the Submission of Formal Drawings of J. D. Trumbull, et al., for APPARATUS AND METHOD FOR ELECTROPHYSIOLOGICAL TESTING, filed March 22, 2000.

Also enclosed are:

Copy of The Draftspersons Review  
24 Pages of Formal Drawings Fig.1 – 20F  
Return-receipt Postcard

The Commissioner is hereby authorized to charge any additional Filing Fees required under 37 CFR 1.16, as well as any patent application processing fees under 37 CFR 1.17 associated with this communication for which full payment had not been tendered, to Deposit Account No. 01-0025.  
**A duplicate copy of this sheet is enclosed.**



Respectfully submitted,  
J.D. Trumbull, et al.

23492

ABBOTT LABORATORIES  
Telephone: (847) 937-6182  
Facsimile: (847) 938-2623



David L. Weinstein  
Registration No. 28, 128  
Attorney for Applicants

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## PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant: J. D. Trumbull, et al.

Serial No.: 09/532,686

Filed: March 22, 2000

For: APPARATUS AND METHOD FOR  
ELECTROPHYSIOLOGICAL TESTING

Group Art Unit: 1631

Examiner: Ardin H. Marschel

Attorney Docket No.: 6678.US.O1

Date: December 18, 2002

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**Attn: Drawing Review Branch  
 Assistant Commissioner for Patents  
 Washington, D.C. 20231**

Date of Deposit: December 18, 2002

*Michele M. Bonke*  
 Michele M. Bonke

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H 12  
 Plunkett  
 11/6/02

SUBMISSION OF FORMAL DRAWINGS

Attn: Drawing Review Branch  
 Assistant Commissioner for Patents  
 Washington, D.C. 20231

Dear Sir:

Enclosed are Formal Drawings for Figures 1 through 20F (24 pages) of J. D. Trumball, et al. In the above-identified patent application entitled "APPARATUS AND METHOD FOR ELECTROPHYSIOLOGICAL TESTING", Serial No. 09/532,686, filed March 22, 2000.



23492

ABBOTT LABORATORIES  
 Telephone: (847) 937-6182  
 Facsimile: (847) 938-2623

Respectfully submitted,  
 J. D. Trumbull, et al.

*David L. Weinstein*

David L. Weinstein  
 Registration No. 28,128  
 Attorney for Applicants



## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

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**TECH CENTER 1600/2900**

The drawing(s) filed (insert date) 3-22-00 are:

- A.  approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
 B.  objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

**1. DRAWINGS.** 37 CFR 1.84(a): Acceptable categories of drawings:

- Black ink. Color.  
 Color drawings are not acceptable until petition is granted.  
 Fig(s) \_\_\_\_\_
- Pencil and non black ink not permitted. Fig(s) \_\_\_\_\_

**2. PHOTOGRAPHS.** 37 CFR 1.84(b)

- 1 full-tone set is required. Fig(s) \_\_\_\_\_  
 Photographs may not be mounted. 37 CFR 1.84(e)  
 Poor quality (half-tone). Fig(s) \_\_\_\_\_

**3. TYPE OF PAPER.** 37 CFR 1.84(e)

- Paper not flexible, strong, white, and durable.  
 Fig(s) \_\_\_\_\_  
 Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) (-18)  
 Mylar, vellum paper is not acceptable (too thin).  
 Fig(s) \_\_\_\_\_

**4. SIZE OF PAPER.** 37 CFR 1.84(f): Acceptable sizes:

- 21.0 cm by 29.7 cm (DIN size A4)  
 21.6 cm by 27.9 cm (8 1/2 x 11 inches).  
 All drawing sheets not the same size.

Sheet(s) \_\_\_\_\_

Drawings sheets not an acceptable size. Fig(s) \_\_\_\_\_

**5. MARGINS.** 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm. Left 2.5cm Right 1.5 cm Bottom 1.0 cm  
 SIZE: A4 Size

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

SIZE: 8 1/2 x 11

Margins not acceptable. Fig(s) 1, 2, 4, 4B, 5B, 5D, 6C, 7C, 7H,

Top (T) \_\_\_\_\_ Left (L) \_\_\_\_\_

Right (R) \_\_\_\_\_ Bottom (B) 8A, 8C, 8D, 8F, 8G,

**6. VIEWS.** 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes.

Partial views. 37 CFR 1.84(h)(2)

- Brackets needed to show figure as one entity.  
 Fig(s) \_\_\_\_\_  
 Views not labeled separately or properly.  
 Fig(s) \_\_\_\_\_  
 Enlarged view not labeled separately or properly.  
 Fig(s) \_\_\_\_\_

**7. SECTIONAL VIEWS.** 37 CFR 1.84(h)(3)

- Hatching not indicated for sectional portions of an object.  
 Fig(s) \_\_\_\_\_  
 Sectional designation should be noted with Arabic or Roman numbers. Fig(s) \_\_\_\_\_

**8. ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)

- Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) \_\_\_\_\_

**9. SCALE.** 37 CFR 1.84(k)

- Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.  
 Fig(s) \_\_\_\_\_

**10. CHARACTER OF LINES, NUMBERS, & LETTERS.**

37 CFR 1.84(i)

- Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality).  
 Fig(s) \_\_\_\_\_

**11. SHADING.** 37 CFR 1.84(m)

- Solid black areas pale. Fig(s) \_\_\_\_\_  
 Solid black shading not permitted. Fig(s) \_\_\_\_\_  
 Shade lines, pale, rough and blurred. Fig(s) \_\_\_\_\_

**12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.**

37 CFR 1.84(p)

- Numbers and reference characters not plain and legible.  
 Fig(s) \_\_\_\_\_

- Figure legends are poor. Fig(s) \_\_\_\_\_

- Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)

Fig(s) \_\_\_\_\_

- English alphabet not used. 37 CFR 1.84(p)(2)

Figs \_\_\_\_\_

- Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)

- Fig(s) 9, 10-12, 14

**13. LEAD LINES.** 37 CFR 1.84(q)

- Lead lines cross each other. Fig(s) \_\_\_\_\_  
 Lead lines missing. Fig(s) \_\_\_\_\_

**14. NUMBERING OF SHEETS OF DRAWINGS.** 37 CFR 1.84(t)

- Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) \_\_\_\_\_

**15. NUMBERING OF VIEWS.** 37 CFR 1.84(u)

- Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) \_\_\_\_\_

**16. CORRECTIONS.** 37 CFR 1.84(w)

- Corrections not made from prior PTO-948 dated \_\_\_\_\_

**17. DESIGN DRAWINGS.** 37 CFR 1.152

- Surface shading shown not appropriate. Fig(s) \_\_\_\_\_  
 Solid black shading not used for color contrast.  
 Fig(s) \_\_\_\_\_

**COMMENTS**

REVIEWER

J. CHASE

DATE 5-28-02

TELEPHONE NO. 703 305 8430